



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

Continental Glass Systems, Inc.
325 West 74th Place
Hialeah, FL 33014

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "3200 Insulated Laminated" Aluminum Window Wall System – L.M.I.

APPROVAL DOCUMENT: Drawing No. LAM-3200-LM, titled "Series 3200 Insulated/Laminated Large Missile", sheets 1 through 7 of 7, dated 01/28/09, with revision #2 dated 06/12/13, prepared by manufacturer, signed and sealed by Kelvyn Whitfield, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises and renews NOA# 09-0210.02 and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.



MP
7/11/22/13

NOA No. 13-0624.02
Expiration Date: May 27, 2019
Approval Date: November 28, 2013
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **LAM-3200-LM**, Sheets 1 through 7 of 7, titled "Series 3200 Insulated/Laminated Large Missile", dated 01/28/09, with revision #2 dated 06/12/13, prepared by manufacturer, signed and sealed by Kelvyn Whitfield, P.E.

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Small Missile Impact Test per FBC, TAS 201-94
5) Large Missile Impact Test per FBC, TAS 201-94
6) Cyclic Wind Pressure Loading per FBC, TAS 203-94
7) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
along with marked-up drawings and installation diagram of series 3200 aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc, Test Report No. **FTL-5708**, dated 11/20/08, signed and sealed by Carlos S. Rionda, P.E.
(Submitted under previous NOA No.09-0210.02)

C. CALCULATIONS

1. Calculations and structural analysis, complying with FBC-2007, dated 04/10/09, prepared, signed and sealed by Kelvyn Whitfield, P.E.
(Submitted under previous NOA No.09-0210.02)
2. Glazing complies with ASTM E1300-04

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

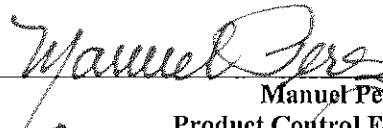
1. Notice of Acceptance No. **11-0624.02** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont SentryGlas® Interlayer**" dated 08/25/11, expiring on 01/14/17.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC-2010**, dated June 12, 2013, signed and sealed by Kelvyn A. Whitfield, P.E.
2. Statement letter of no financial interest, dated January 28, 2009, signed and sealed by Kelvyn A. Whitfield, P.E. (Submitted under previous NOA No.09-0210.02)

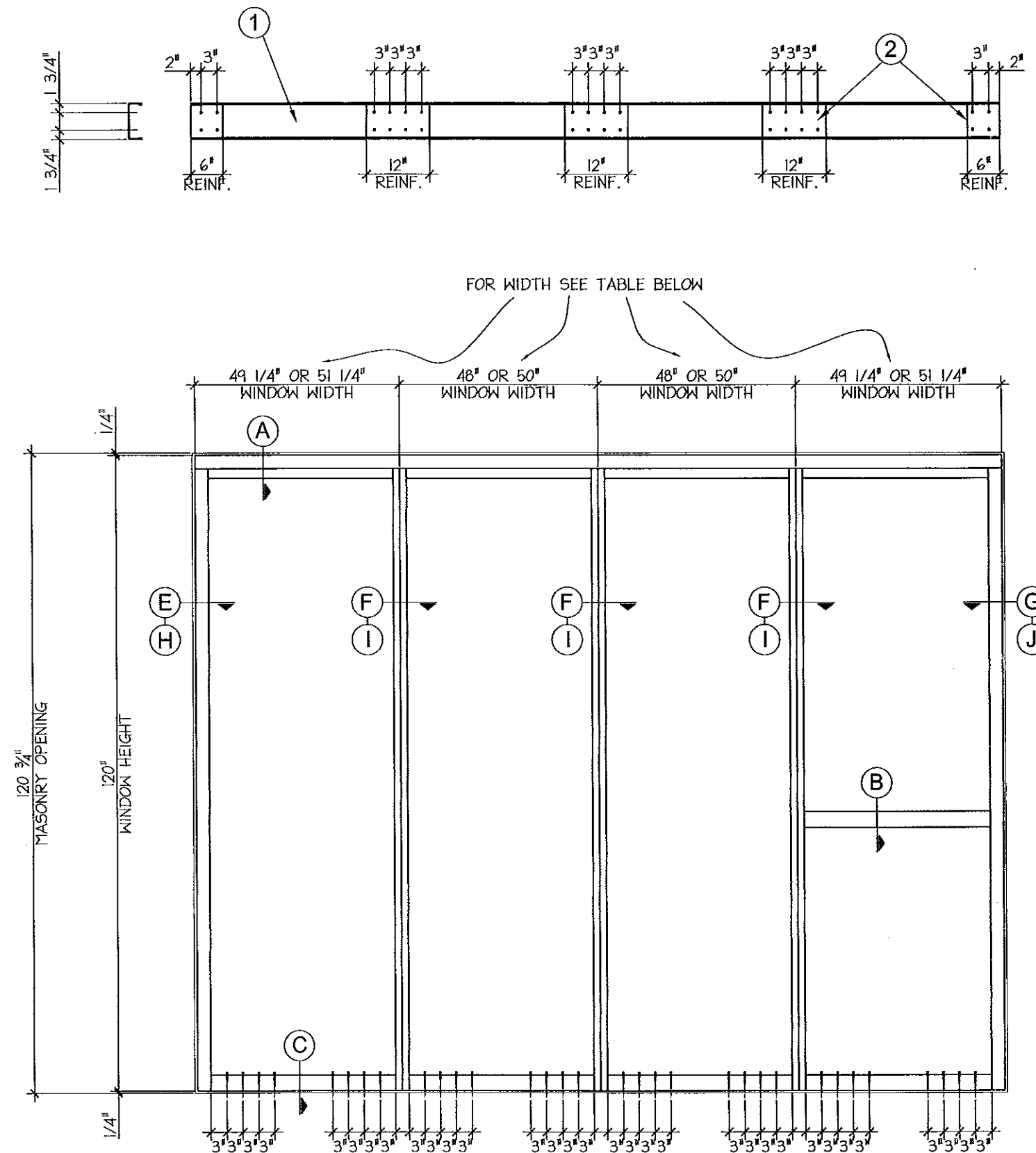
G. OTHERS

1. Notice of Acceptance No. **09-0210.02** issued to Continental Glass System, Inc. for their Series "3200 Insulated Laminated" Aluminum Window Wall System – L.M.I., approved on 05/27/09 and expiring on 05/27/14.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 13-0624.02

Expiration Date: May 27, 2019
Approval Date: November 28, 2013

HEAD RECEPTOR



C.G.S. SERIES 3200 INSULATED LAMINATED WINDOW WALL SYSTEM LARGE MISSILE IMPACT

NOTES:

1. THIS FIXED INSULATED LAMINATED WINDOW WALL SYSTEM IS DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2010 (FBC) FLORIDA BUILDING CODE CHAPTER 16 AND 24, UNDER THE SPECIFIC CONDITION SHOWN ON THIS DRAWING. REF. FTL 5708 TEST REPORT. 2
2. ALL EXTRUSIONS ARE ALUMINUM, 6005-T5. ALLOY, WITH A MINIMUM Fy OF 39,000 PSI.
3. LARGE MISSILE IMPACT: INSTALLATION UP TO 30 FT ABOVE GRADE WILL NOT REQUIRE A HURRICANE PROTECTION SYSTEM.
4. ALL INSTALLATION ANCHORS ARE 5/16"Ø TAPCON. 1 3/4" MIN. EMBED. INTO FILLED CONCRETE BLOCK OR BETTER. MIN. EDGE DISTANCE 2 1/4" MIN. SPACING 3.0" O.C. MIN. 3,000 PSI CONCRETE SUBSTRATE.
5. USE HARD PLASTIC LOAD BEARING SHIM 1/4" MAXIMUM.
6. APPROVED STRUCTURAL SILICONE:
A) 795 DOW CORNING
B) SCS 2000 BY GE

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-0624-02
Expiration Date May 27, 2019

FIXED WINDOW ELEVATION, by Manuel S. S.
EXTERIOR VIEW Miami Dade Product Control

DESIGN LOAD - CAPACITY (P.S.F.)		MAXIMUM WINDOW WIDTH	MAXIMUM D.L.O. WIDTH	MAXIMUM D.L.O. HEIGHT	REINFORCING
POSITIVE	NEGATIVE				
70	70	50"	47 1/2"	114"	NO
110	110	48"	45 1/2"	114"	YES

KELVYN WHITFIELD P.E.
1002 NE 116 ST - MIAMI, FL 33181

DATE: 06/12/13
FLORIDA No. 24140
MECHANICAL

Continental Glass Systems

325 West 74 Place
Hialeah Florida, 33014
Phone 305-231-1101 Fax 305-231-1103

Series 3200
INSULATED / LAMINATED
LARGE MISSILE

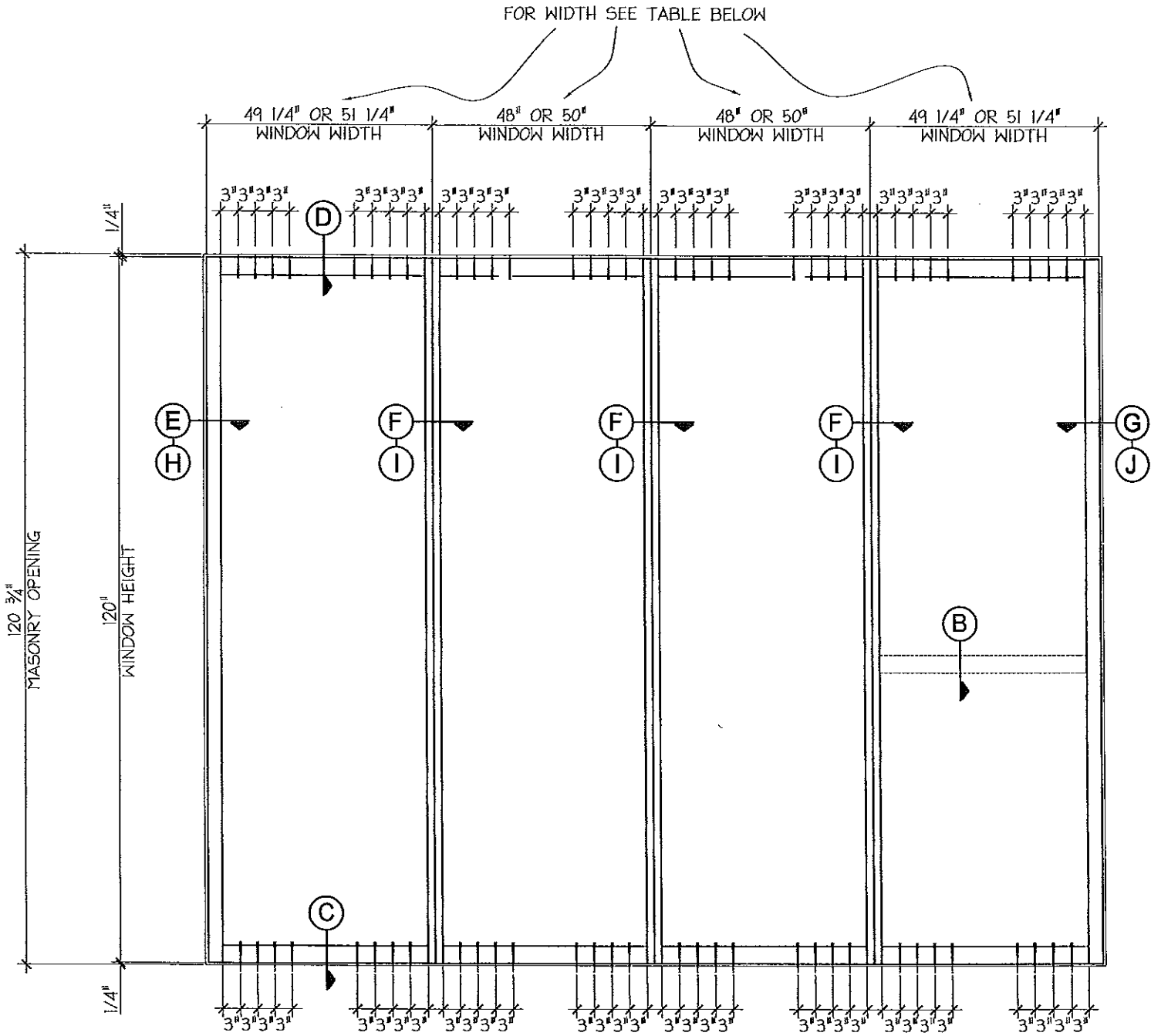
Revision		By	Description
No	Date		
1	04-08-09	R. P.	B.C.C.O.
2	06-12-13	M.E.P.	B.C.C.O.

Date	01-28-09
Scale	N.T.S.
Design by	G. S.
Drawing by	RICHARD
Checked by	G. S.

Drawing No.
LAM-3200-L.M

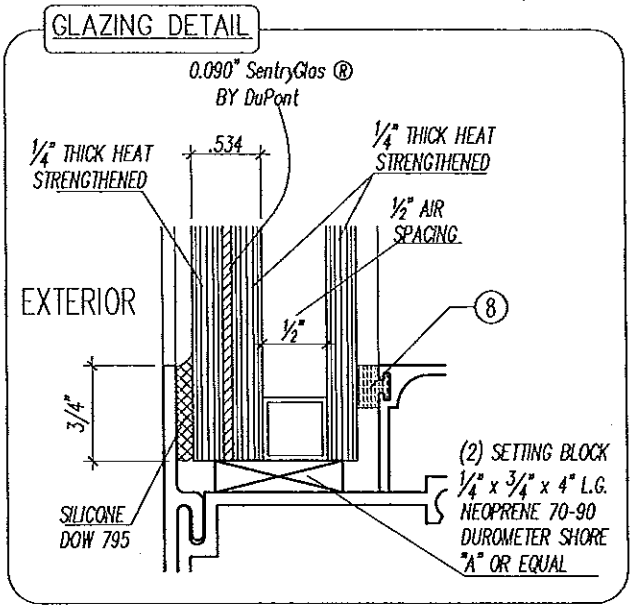
Sheet 1 of 7

HEAD STANDARD FRAME



FIXED WINDOW ELEVATION
EXTERIOR VIEW

DESIGN LOAD - CAPACITY (P.S.F.)		MAXIMUM WINDOW WIDTH	MAXIMUM D.L.O. WIDTH	MAXIMUM D.L.O. HEIGHT	REINFORCING
POSITIVE	NEGATIVE				
70	70	50"	47 1/2"	114"	NO
110	110	48"	45 1/2"	114"	YES



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-0624-07
Expiration Date May 21, 2019
By *Manuel Lopez*
Miami Dade Product Control

KELVYN WHITFIELD P.E.
1002 NE 116 ST - MIAMI, FL 33161

[Signature]
10/16/13

DATE: 10/16/13
FLORIDA No. 24140
MECHANICAL

Continental Glass Systems

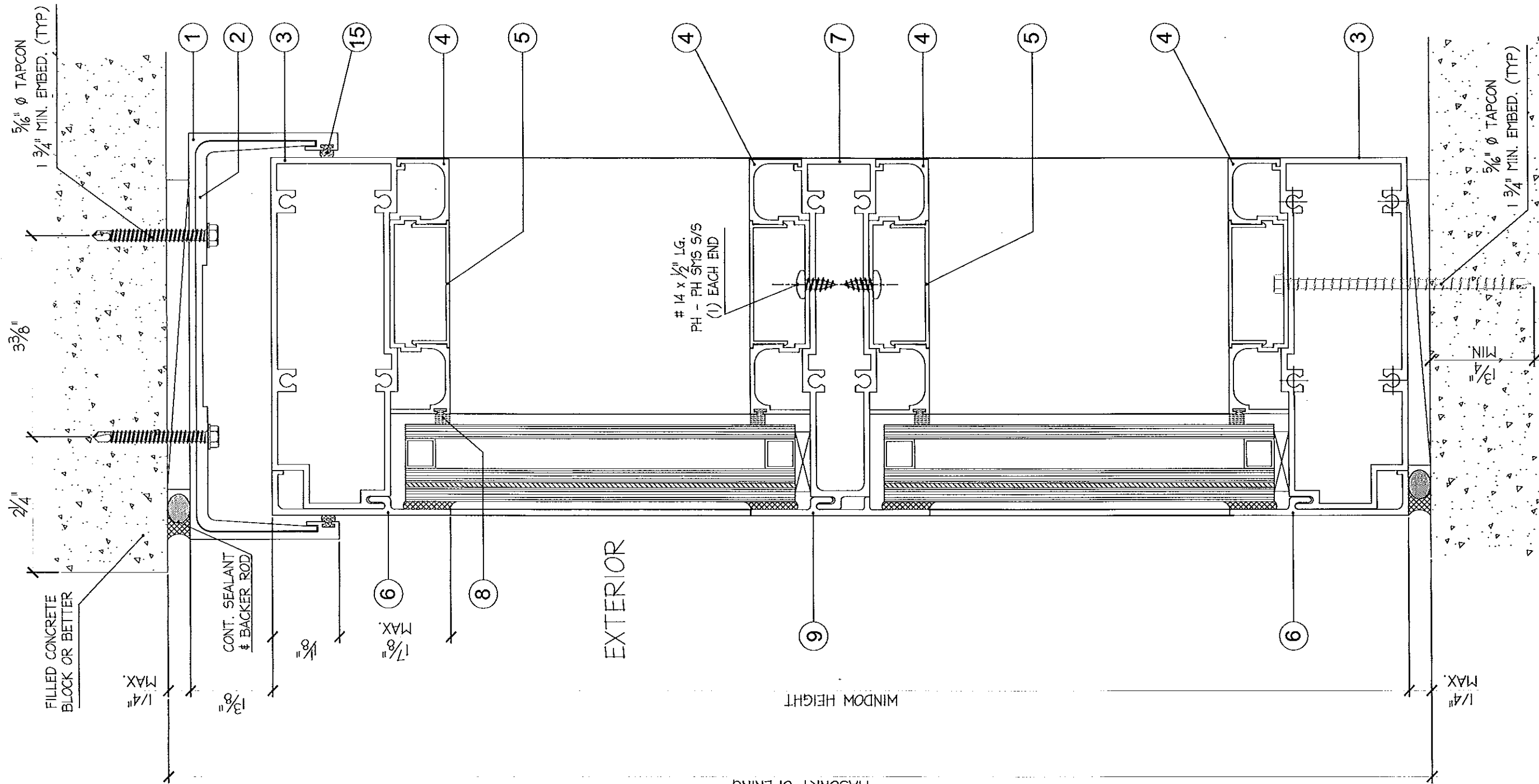
325 West 74 Place
Hialeah Florida, 33014
Phone 305-231-1101 Fax 305-231-1103

Series 3200
INSULATED / LAMINATED
LARGE MISSILE

Revision		By	Description
No	Date		
1	04-08-04	R.P.	B.C.C.O.
2	06-12-15	M.E.P.	B.C.C.O.

Date	01-28-09
Scale	N.T.S.
Design by	G. S.
Drawing by	RICHARD
Checked by	G. S.

Drawing No.
LAM-3200-L.M



MASONRY OPENING

WINDOW HEIGHT

EXTERIOR

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-0624-C2
Expiration Date May 21, 2019
By *Manuel Sora*
Miami Dade Product Control

KELVYN WHITFIELD P.E.
1002 NE 116 ST -- MIAMI, FL 33161
DATE: *10/6/12/13*
FLORIDA No. 24140
MECHANICAL

Revision			
No	Date	By	Description
1	04-08-09	R. P.	B.C.C.O.
2	06-12-13	M.E.P.	B.C.C.O.

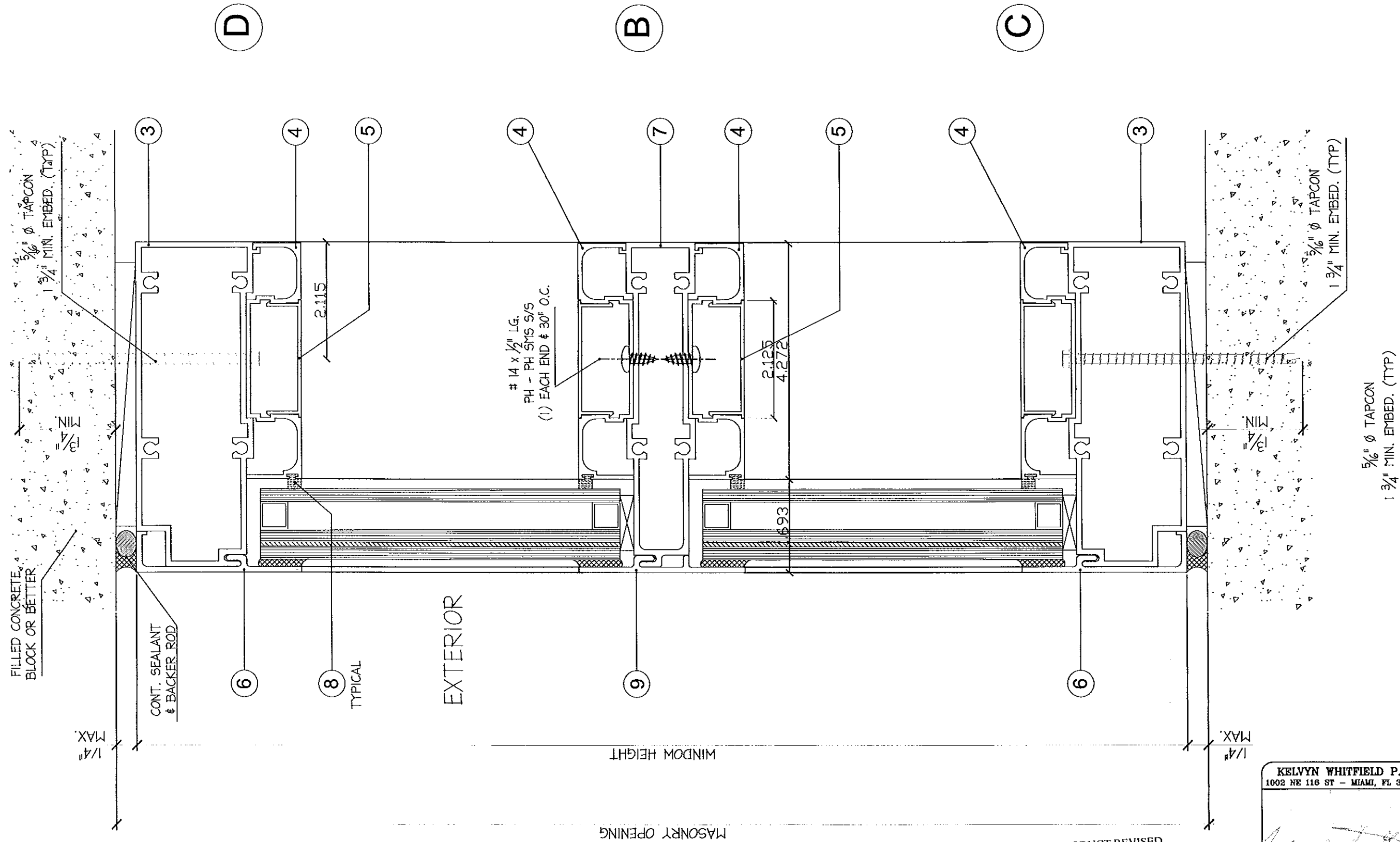
Date	01-28-09
Scale	N.T.S.
Design by	G. S.
Drawing by	RICHARD
Checked by	G. S.

Drawing No.
LAM-3200-LM

Sheet 3 of 7

Series 3200
INSULATED / LAMINATED
LARGE MISSILE

Continental Glass Systems
325 West 74 Place
Hialeah Florida, 33014
Phone 305-231-1101 Fax 305-231-1103



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-0624-02
Expiration Date May 27, 2019
By *Marcus*
Miami Dade Product Control

KELVYN WHITFIELD P.E.
1002 NE 116 ST - MIAMI, FL 33181
DATE: 06/12/13
FLORIDA No. 24140
MECHANICAL

Revision			
No	Date	By	Description
1	04-08-09	R. P.	B.C.C.O.
2	06-12-13	M.E.P.	B.C.C.O.

Date	01-28-09
Scale	N.T.S.
Design by	G. S.
Drawing by	RICHARD
Checked by	G. S.

Drawing No.
LAM-3200-L.M

Sheet 4 of 7

Series 3200
INSULATED / LAMINATED
LARGE MISSILE

Continental Glass Systems
325 West 74 Place
Hialeah Florida, 33014
Phone 305-231-1101 Fax 305-231-1103

FILLED CONCRETE
BLOCK OR BETTER

CONT. SEALANT
& BACKER ROD

0.75" MIN.
1.50" MAX.
SEAL WIDTH

(4) #14 x 1" LG.
PH-PH SMS S/S
ASSEMBLY SCREWS

CONT. SILICONE
SEALANT

WINDOW WIDTH

WINDOW WIDTH

MASONRY OPENING

EXTERIOR

NOTES:

- 1- BACKER ROD DIAMETER
EQUALS SEAL WIDTH x 120%
- 2- SEALANT DEPTH IS 3/8" FOR
WIDTH UP TO 1.0" AND 1/2" FOR
WIDTH OVER 1.0"

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-0624-02
Expiration Date May 27, 2019
By *M. S. S. S.*
Miami Dade Product Control

KELVYN WHITFIELD P.E.
1002 NE 118 ST - MIAMI, FL 33181

Kelvin Whitfield
10/6/12/13

DATE: _____

FLORIDA No. 24140
MECHANICAL

Series 3200
INSULATED / LAMINATED
LARGE MISSILE

Revision			
No	Date	By	Description
1	04-08-09	R. P.	B.C.C.O.
2	06-12-13	M.E.P.	B.C.C.O.

Date	01-28-09
Scale	N.T.S.
Design by	G. S.
Drawing by	RICHARD
Checked by	G. S.

Drawing No.
LAM-3200-L.M

Sheet 5 of 7

Continental Glass Systems

325 West 74 Place
Hialeah Florida, 33014

Phone 305-231-1101 Fax 305-231-1103

FILLED CONCRETE
BLOCK OR BETTER

CONT. SEALANT
& BACKER ROD

0.75" MIN.
1.50" MAX.
SEAL WIDTH

(4) #14 x 1" LG.
PH-PH SMS S/S
ASSEMBLY SCREWS

CONT. SILICONE
SEALANT

#14 x 1" LG.
PH-PH SMS S/S
AT TOP & BOTTOM

0.75" MIN.
1.50" MAX.
SEAL WIDTH

WINDOW WIDTH

WINDOW WIDTH

MASONRY OPENING

EXTERIOR

NOTES:

- 1- BACKER ROD DIAMETER
EQUALS SEAL WIDTH x 120%
- 2- SEALANT DEPTH IS 3/8" FOR
WIDTH UP TO 1.0" AND 1/2" FOR
WIDTH OVER 1.0"

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-0624-07
Expiration Date May 21, 2019

By *Manuel Ruiz*
Miami Dade Product Control

KELVYN WHITFIELD P.E.
1002 NE 118 ST - MIAMI, FL 33161

DATE:

FLORIDA No. 24140
MECHANICAL

Revision		By		Description	
No	Date	By	Date	Description	
1	04-08-09	R. P.		B.C.C.O.	
2	06-12-13	M.E.P.		B.C.C.O.	

Date	01-28-09
Scale	N.T.S.
Design by	G. S.
Drawing by	RICHARD
Checked by	G. S.

Drawing No.
LAM-3200-L.M

Sheet 6 of 7

Continental Glass Systems

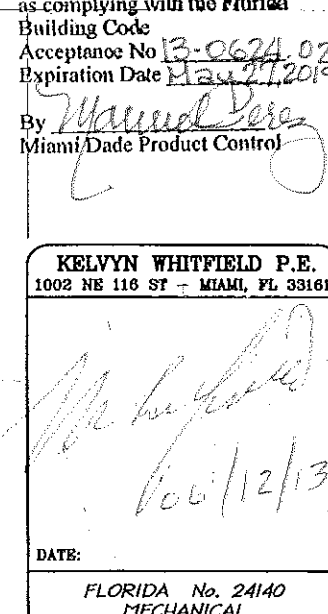
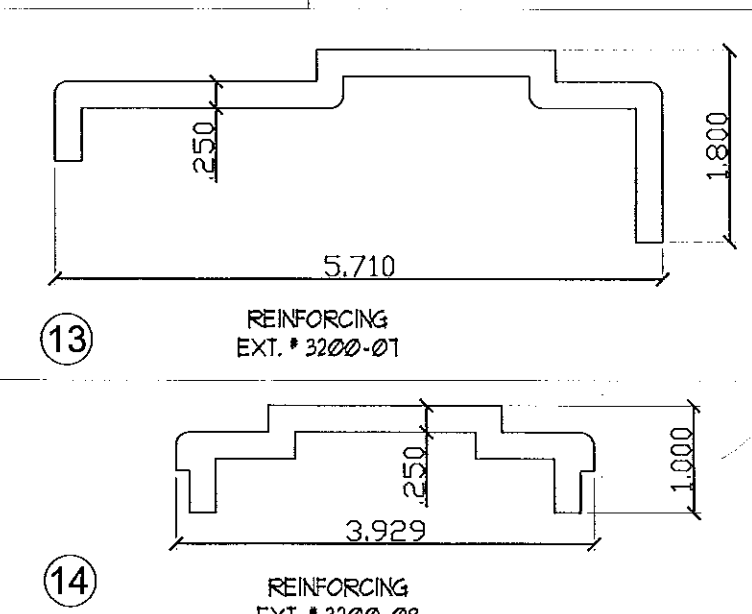
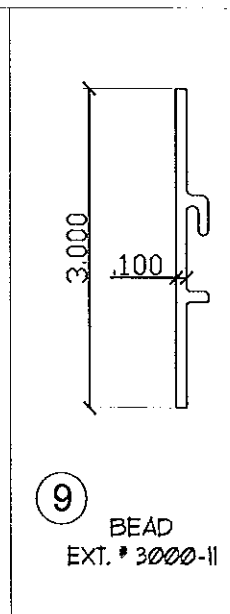
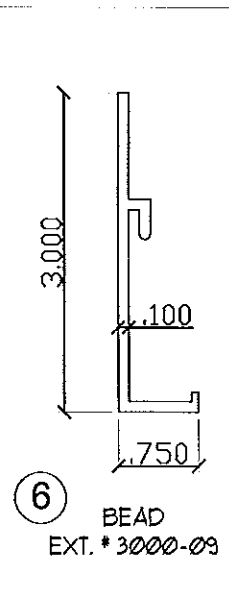
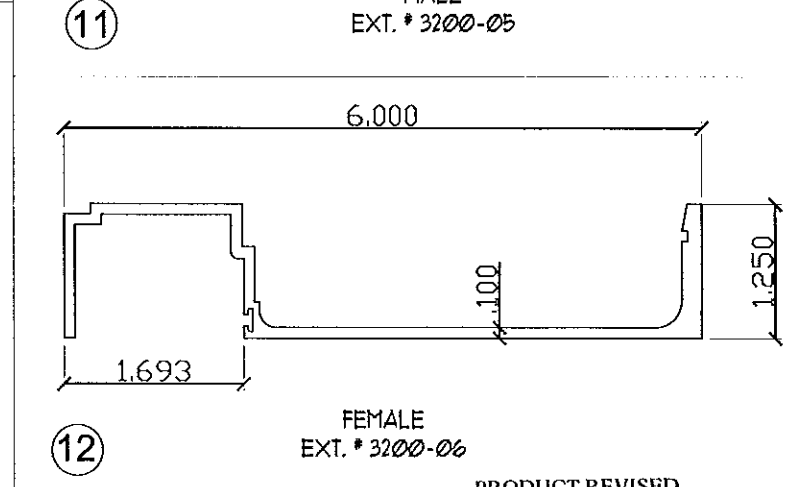
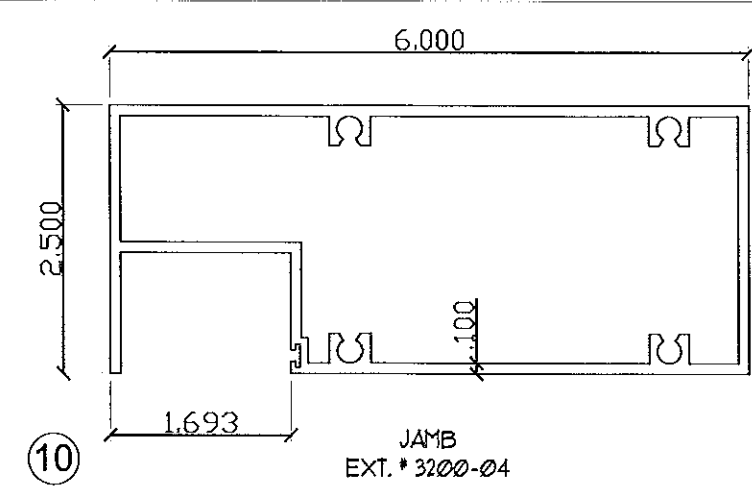
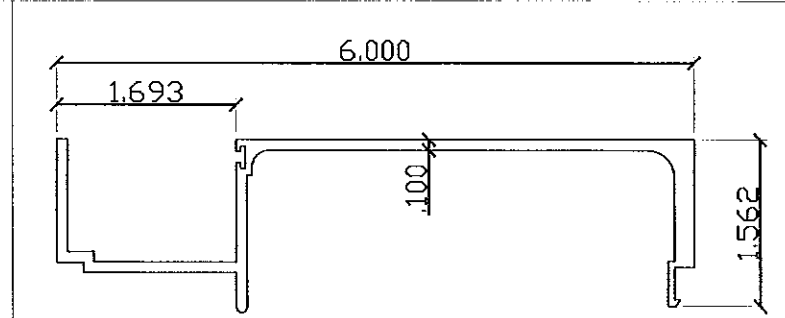
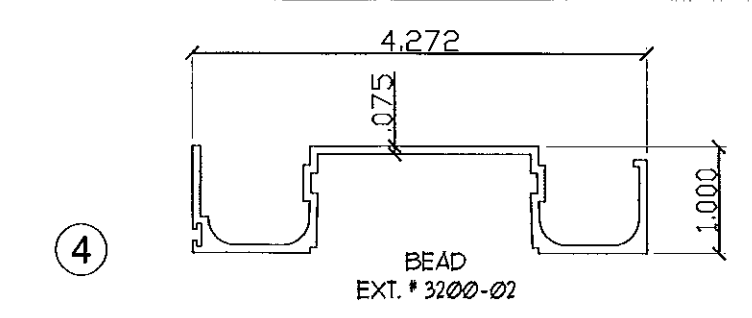
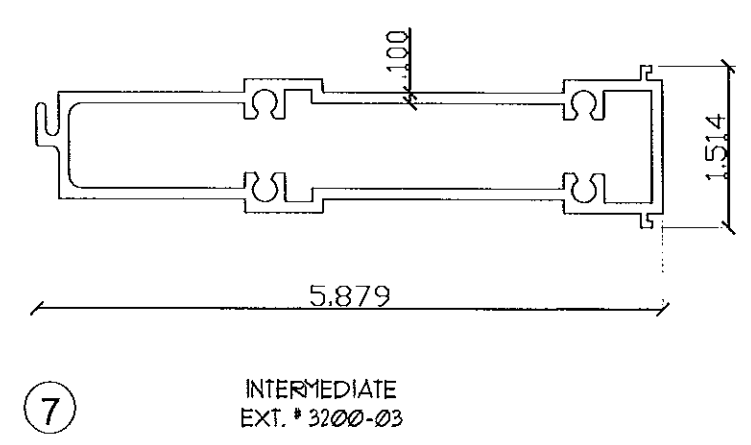
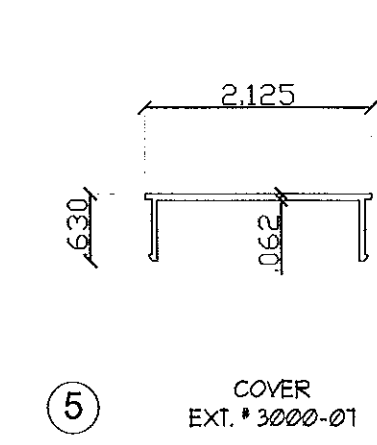
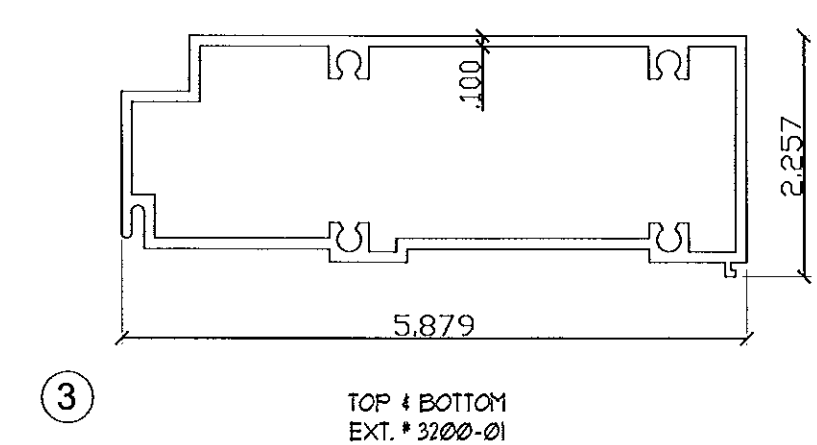
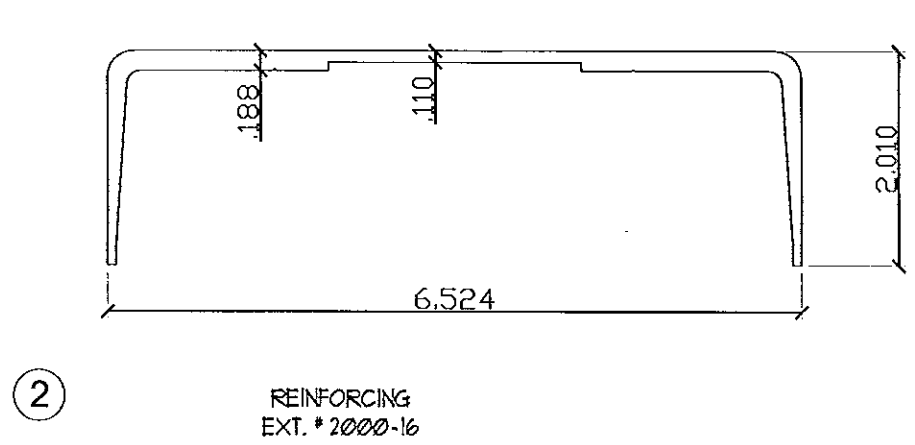
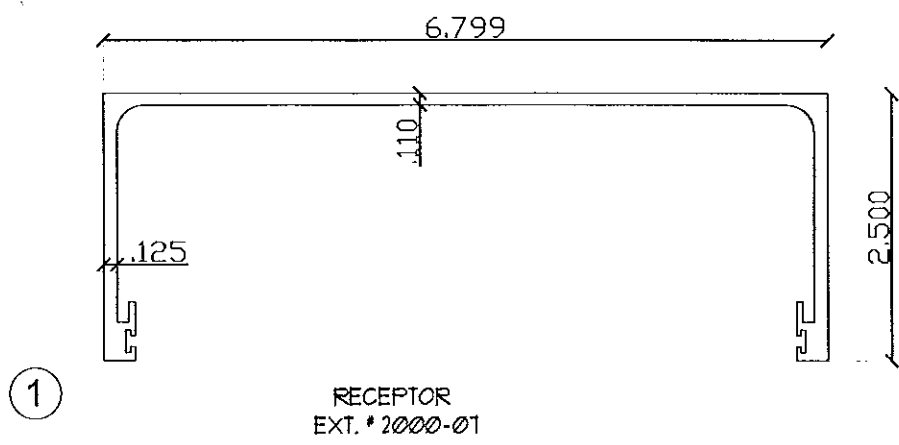
325 West 74 Place
Hialeah Florida, 33014

Phone 305-231-1101 Fax 305-231-1103

Series 3200
INSULATED / LAMINATED
LARGE MISSILE

FIXED WINDOW

ITEM #	PART NUMBER	PART NAME	ALLOY & TEMPERED
1	2000 - 07	RECEPTOR	6005-T5
2	2000 - 16	REINFORCING	6005-T5
3	3200 - 01	TOP & BOTTOM	6005-T5
4	3200 - 02	BEAD	6005-T5
5	3000 - 07	COVER	6005-T5
6	3000 - 09	BEAD	6005-T5
7	3200 - 03	INTERMEDIATE	6005-T5
8	CGS - 01	GLASS SPACER	PROTOTYPE
9	3000 - 11	BEAD	6005-T5
10	3200 - 04	JAMB	6005-T5
11	3200 - 05	MALE	6005-T5
12	3200 - 06	FEMALE	6005-T5
13	3200 - 07	REINFORCING	6005-T5
14	3200 - 08	REINFORCING	6005-T5
15	FP-448-V	VINYL BULB	



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Miami/Dade Product Control

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DATE: *6/6/12/13*
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MECHANICAL

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Series 3200
INSULATED / LAMINATED
LARGE MISSILE

Revision	No	Date	By	Description	R. P.	B.C.C.O.
1	1	04-08-09				
2	2	06-12-13				

Date	01-28-09
Scale	N.T.S.
Design by	G. S.
Drawing by	RICHARD
Checked by	G. S.

Drawing No.
LAM-3200-LM

Sheet 7 of 7